



PH7203.ST25.txt
SEQUENCE LISTING

#4

<110> Bristol-Myers Squibb Company

Han, Amy Qi

Glunz, Peter W.

<120> Imidazolidinones and Their Related Derivatives as Hepatitis C Virus NS3 Protease Inhibitors

<130> PH-7203

<140> US 10/015,328

<141> 2001-12-12

<150> US 60/255,168

<151> 2000-12-13

<160> 11

<170> PatentIn version 3.1

<210> 1

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<212> PRT

<213> Artificial Sequence

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<223> The synthesis of this peptide may be performed on an ABI 43A peptide synthesizer using readily available materials well known to ordinarily skilled artisans

<400> 1

Met Gly Ala Gln His
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<223> The synthesis of this peptide may be performed on an ABI 43A peptide synthesizer using readily available materials well known to ordinarily skilled artisans

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Met Arg Gly Ser His His His His His His Met Gly Ala Gln His
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<212> PRT

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<223> Peptide ester substrate synthesized by methods disclosed in Taliani et al., Anal. Biochem., 240, 60-67, 1996.

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<221> ACETYLATION

<222> (1)..(1)

<223> acetyl group

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<221> MOD_RES

<222> (3)..(3)

<223> Aspartic acid modified with EDANS, 5-[(2'-aminoethyl)amino]naphthylene sulfonic acid

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<221> MISC_FEATURE

<222> (6)..(6)

<223> 2-amino butyric acid bonded through an ester group

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<221> MOD_RES

<222> (9)..(9)

<223> Lysine modified by Dabcyl; 4-[[4'(dimethylamino)phenyl]azo]benzoic acid

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Asp Glu Asp Glu Glu Xaa Ala Ser Lys
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<221> ACETYLATION

<222> (1)..(1)

<223> Acetylation

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<221> AMIDATION

<222> (4)..(4)

<223> para-nitroanaline

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Glu Glu Ala Cys
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<222> (6)..(6)
<223> Boro-allylglycine

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Asp Glu Val Val Pro Xaa
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<223> The synthesis of this peptide may be performed on an ABI 43A peptide synthesizer using readily available materials well known to ordinarily skilled artisans

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Pro Ala Ile Ile Pro Lys Lys
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<223> Synthesized by standard organic chemistry laboratory methods.

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<222> (6)..(6)

<223> Boro-allylglycine pinanediol ester

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Asp Glu Val Val Pro Xaa
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<223> Synthesized by standard organic chemistry laboratory methods.

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<221> MOD_RES

<222> (1)..(1)

<223> N-terminal Protecting Group: t-Butoxycarbonyl
Delta-Carboxy Ester: t-Butyl

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<222> (2)..(2)

<223> Gamma-Carboxy Ester: t-Butyl

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Asp Glu Val Val Pro
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Gamma-Carboxy Ester: t-Butyl

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<223> Benzyl Esterification

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<223> Gamma-Carboxy Ester: t-Butyl

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Glu Val Val Pro
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<223> N-terminal Protecting Group: t-Butoxycarbonyl
Delta-Carboxy Ester: t-Butyl

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<222> (2)..(2)

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<222> (6)..(6)

<223> Boro-allylglycine pinanediol ester

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Asp Glu Val Val Pro Xaa
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